## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|
| Application/Control No. | Applicant(5)/1 atom officer Recognition |  |  |  |  |  |  |  |
| 10529480                | IGARI ET AL.                            |  |  |  |  |  |  |  |
|                         |   |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |
| IOSE M TORRES           | 2624                                    |  |  |  |  |  |  |  |
| JOSE M TORRES           | 2024                                    |  |  |  |  |  |  |  |

| CLASS               |                          |                                  | ORIGINAL                                 |  |   |   |  |                                   |   |                                   | INTERNATIONAL CLASSIFICATION        |                                   |                                   |  |  |  |  |  |  |
|---------------------|--------------------------|----------------------------------|--|--|---|---|--|-----------------------------------|---|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|--|--|--|--|--|--|
|                     | CLASS SUBCLASS           |                                  |  |  |   | CLAIMED   |  |                                   |   |                                   |                                     | NON-CLAIMED                       |                                   |  |  |  |  |  |  |
| 382 284             |                          |                                  |  |  | G   | 0   | 6  | К                                 | 9 / 36 (2006.01.01)                                 |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| CROSS DEFEDENCE(S)  |                          |                                  |  |  | G   | 0   | 6  | К                                 | 9 / 32 (2006.01.01)                                 |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| CROSS REFERENCE(S)  |                          |                                  |  |  |   | 0   | o  | G                                 | 5 / 00 (2006.01.01)                                 |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| CLASS SUBCLASS (ONE |                          |                                  | SUBCLASS PER BLOCK)                      |  |   | 0   | 4  | N                                 | 9 / 74 (2006.01.01)                                 |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| 294                 | 296                      |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| 629                 |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
| 584                 |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  | _   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  | <u> </u>                                      |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  | -   |   |  |                                   |   |                                   | -                                   |                                   |                                   |  |  |  |  |  |  |
|                     |                          |                                  |  |  |   |   |  |                                   |   |                                   |                                     |                                   |                                   |  |  |  |  |  |  |
|                     | <b>SUB</b><br>294<br>629 | <b>SUBCLASS (ONE</b> 294 296 629 | <b>SUBCLASS (ONE SUBCLAS</b> 294 296 629 | SUBCLASS (ONE SUBCLASS PER BLO           294         296           629 | SUBCLASS (ONE SUBCLASS PER BLOCK) 294 296 629 | SUBCLASS (ONE SUBCLASS PER BLOCK) H 294 296 629 | SUBCLASS (ONE SUBCLASS PER BLOCK) H 0  294 296 | SUBCLASS (ONE SUBCLASS PER BLOCK) | SUBCLASS (ONE SUBCLASS PER BLOCK)  H 0 4 N  294 296 | SUBCLASS (ONE SUBCLASS PER BLOCK) | G   0   9   G   5 / 00 (2006.01.01) | SUBCLASS (ONE SUBCLASS PER BLOCK) | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |       |          |       |          |       |          | СР    | 'A [     | ] T.D. | ☐ R.1.47 |       |          |       |          |
|-------|---|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|-------|----------|-------|----------|
| Final | Original  | Final | Original | Final | Original | Final | Original | Final | Original | Final  | Original | Final | Original | Final | Original |
|       | 1   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       | 2   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
| 1     | 3   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
| 2     | 4   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       | 5   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       | 6   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       | 7   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
| 3     | 8   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |
|       |   |       |          |       |          |       |          |       |          |        |          |       |          |       |          |

| /JOSE M TORRES/<br>Examiner.Art Unit 2624                 | 12/28/2008 | Total Claims Allowed: |                   |  |  |
|---|------------|-----------------------|-------------------|--|--|
| (Assistant Examiner)                                      | (Date)     |                       |                   |  |  |
| /Jingge Wu/<br>Supervisory Patent Examiner, Art Unit 2624 | 12/28/2008 | O.G. Print Claim(s)   | O.G. Print Figure |  |  |
| (Primary Examiner)  | (Date)     | 3                     | 8                 |  |  |

U.S. Patent and Trademark Office Part of Paper No. 20081228